AKAI

GX-C750D

MODEL

SERVICE MANUAL

GXC-750D

MOTOR FG SERVO P.C BOARD

CAPSTAN MOTOR

HOUSING LAMP P.C BOARD C1-5237

LAMP P.C BOARD CB-5205

PRE AMP P.C BOARD

OPERATION BLOCK

SUPPLY REEL MOTOR

TAKEUP REEL MOTOR

NOISE FILTER P.C BOARD CB-5204

PRE AMP P.C BOARD

U/T CEE BEAB

AC INLET

AC 110V to 240V

POWER

POWER SUPPLY P.C BOARD CB-5201

PINTCH ROLLER PLUNGER

PAUSE PLUNGER

REC SAFETY

PAUSE

REC

PLAY

RWD

STOP

REMOTE J902

MEMORY SW907

COUNTER

PACK

EJECT

SYS.CON P.C BOARD CB-5202

JPN

POWER SUPPLY P.C BOARD CB-5201

AC 100V

SAA

POWER SUPPLY P.C BOARD CB-5201

AC 240V

CSA AAL

POWER SUPPLY P.C BOARD CB-5201

AC 120V

WARNING: ⚠ INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS

AVERTISSEMENT: ⚠ IL INDIQU LES COMPOSANTS CRITIQUES DE SÛRETÉ. POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL NE REMPLACER LES COMPOSANTS DONT LE FONCTIONNEMENT EST CRITIQUE POUR LA SÉCURITÉ QUE PAR DES PIÈCES RECOMMANDÉES PAR LE FABRICANT

2SA733 2SC536 2SC945L

2SC711 2SC1312S

2SD355

2SB605

2SD439

μA78M05CKC μA7824CKC

NOTE
1. UNLESS OTHERWISE SPECIFIED
   ALL RESISTORS IN OHMS (/4W(J)
   ALL CAPACITORS IN μF 50WV(J)
2. (FS)=FAIL SAFE RESISTORS
3. (⊕) MARK INDICATES NON POLAR ELECTROLYTIC CAPACITORS.
4. POWER TRANSFORMER IS DIFFERENT ACCORDING TO AREA.
5. ※ POWER TRANSFORMER INCLUDES TEMPERATURE FUSE. FUSE CAN NOT BE REPLACED SEPARATELY

VOLTAGE MEASURED AT STOP MODE
( ) INDICATES VOLTAGE AT PLAY MODE

GXC-750D
SYS.CON & POWER SUPPLY
SCHEMATIC DIAGRAM
NO. 2-1 1550626A

0009681

GXC-750D

LEFT

RIGHT

SW1 TAPE SELECTOR
SW2 CAL TONE
SW4 DOLBY N.R.

METER AMP P.C BOARD CB-5207

PPE AMP P.C BOARD CB-5201A

DOLBY LAMP P.C. BOARD CB-5201B

POWER SUPPLY P.C BOARD

SYS. CON P.C BOARD

REC MODE		CrO2	FH	CrO2	Fe-Cr
TR1	1 to 3	0.6V	0.6V	0.6V	0.6V
	4 to 6	3.9V	6.8V	9.9V	6.8V
	8	26.0V AC	29.9V AC	43.6V AC	29.9V AC
	9	43.9V AC	50.5V AC	73.6V AC	50.5V AC
TR11	B	6.6V	7.5V	10.6V	7.5V
	C	7.1V	8.1V	11.5V	8.1V
TR13	E	0.1V	0.1V	0.1V	0.1V
TR14	E	0.1V	0.1V	0.1V	0.1V

TR1 to 3,6,10 2SC945L(P)
TR4 2SD355(E)
TR5 2SB325(E)
TR7,8 2SC1312H(H)
TR9 2SK68A(LXM)
D1 to 6 1S2473VE

E C E	D G S	B C E	E C B
2SA9016	2SK68A	2SB525	2SD571
2SC458LG		2SC 3128	
2SC945L		2SC355	
2SC2002			

NOTE
1. UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS 1/4W(J)
ALL CAPACITORS IN μF 50WV(J)
2. (LL) = LOW LEAKAGE CAPACITORS
3. (NL) = NOISE LESS RESISTORS
4. (+) MARK INDICATES NON POLAR ELECTROLYTIC CAPACITORS

GXC-750D AMP SCHEMATIC DIAGRAM

NO.2-2 1560827A